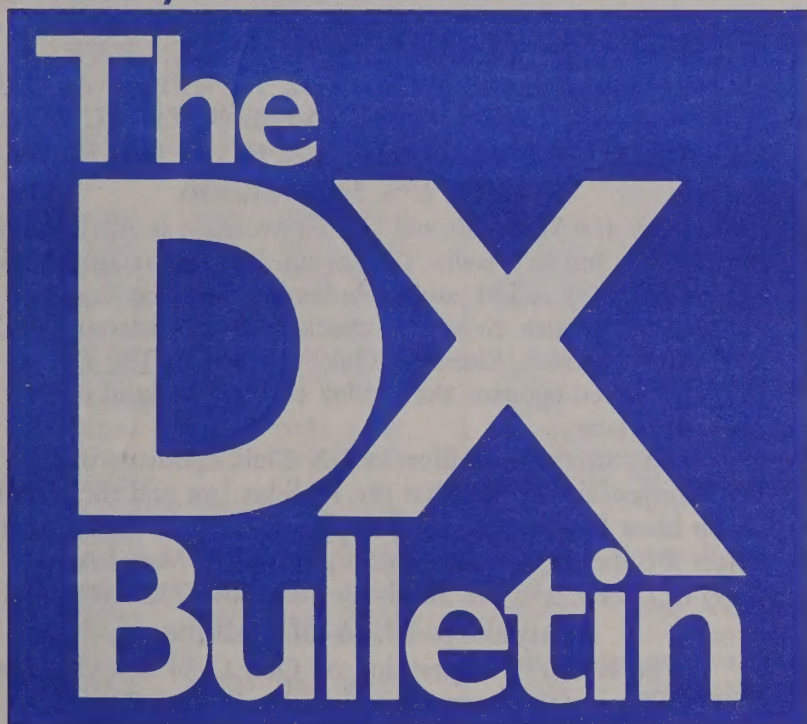


Angola - D2 Marcos Paz LU7BQ reports that

LU6ELF/D2 is Jorge López, a captain in the Argentine Navy, and a member of the United Nations peace-keeping force in Angola. The ARRL has previously accepted UN operating permission, as in Egypt and Syria. Jorge says he has all his papers in order, and will forward same to the DXCC for possible accreditation soon. He will be in Angola for about six months, but can operate only when he is in the capital: Luanda. He operates 15-meter SSB only, and is not an experienced operator, and hence is limited to list operations. He is active most days at 1800Z between 21330-21240 kHz.

Samoa - 5W/KH8 Bert WA4TLI and Ron AA4VK will be active from Western Samoa 5W1 Nov. 20-24, and American Samoa KH8 Nov. 25-26, SSB on 10-20 meters. They will **not** be in the CQWW CW test. QSL home callsigns.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Tokelau - ZK3 The Scandinavian DXers who were scattered around the Pacific for the CQWW SSB test are assembling in Western Samoa for the trip to Tokelau. They expect to be active Nov. 4-14, on 3501, 7001, 14005, 21005, and 28005 kHz on CW, and 1832, 3799, 7073, 14160, 21300, and 28475 kHz on SSB. Sunrise 1700Z, sunset 0530Z.

Thailand - HS John Sweeney K9EL will be active from Thailand as HSØE Nov. 11-15, mostly CW. Watch 3505, 7005, 14020, 21020, and 28020 kHz. He'll try the lower bands at terminator times: sunrise 2328Z, sunset 1053Z. John will also be active from Hong Kong as K9EL/VS6 Nov. 7-11, and from Singapore as 9VØYC Nov. 15-20. QSL home callsign, bureau okay. He needs WY, ID, and OK to complete his WAS from Hong Kong.

Reserve Your Island - CQWW CW

- **EA9OB** will be operated by EA9OB, EA9IB, EC9JB, and EA5BY in a multi-single entry. QSL EA5BY.
- **Svalbard**: Following up on last week's report, LA8XM will be on as **JW8XM** Nov. 24-27, concentrating on 80 and 40 meters, on 3509, 3530, 7009, and 7030 kHz, and perhaps on 1828 kHz, if conditions permit. LA9XG will be on at the same time as **JW9XG** on 14030, 21030, and 28030 kHz. LA5NM will be on as **JW5NM** on all bands. QSL each operation to home callsign.

Shortly Noted

- **KNØE/KH3** Pete is now active on the WARC bands, as well as the traditional HF bands. He's usually on 28500 kHz 2130-2215Z, during his lunch hour. Pete reports that he and **KB5ENR/KH3** are also on six meters.
- **KC6XO** is the Belau (ex-Western Carolines) call of NT2X, for his Nov. 20-29 operation. Paul Young K1XM and Charlotte Richardson KQ1F will receive their calls upon arrival.
- **9M6OO** is the new call of the N2OO East Malaysia operation (see Issue 508). QSL routes for the Macao XX9 and Hong Kong VS6 operations will be given later.
- **Yasme** DXpeditioners Lloyd and Iris Colvin W6KG and W6QL will hit Bahrain A9, New Zealand ZL, and Tahiti FO, in addition to Burkino Faso XT and Niger 5U. (Issue 509.)
- **T32BE**: Tuck KH6DFW will join **WC5P/T32BE** and **WD5F/T32BO** Nov. 22-29. Tuck will sign **T32BI**. They'll take RTTY gear, and may try 160 meters. QSL home calls.
- **OH4ML/H44** made 7200 QSLs from the Solomons, mostly CW. Mauri asks DXers to put the callsign worked and mode on the envelope, to speed QSLing.
- **SM4RWO/MM** is on HMS Carlskrona on a 5-month cruise through the Far East. Operator Per Flitt is active at 1100Z and 1600Z most days, on CW, SSB, and packet.
- **Islands On The Air**: **UØK/UV1POL** is on Kolyucin Is. (AS-65). Try the Arctic Polar net Sundays 0800Z on 14150 kHz. **CWØL** was on Lobos Island (SA-30) in the Plate River. QSL via J. Amarin, Box 74, 11000 Montevideo, Uruguay. **C6AFV** plans a trip to Inagua Island in the South Bahama Group (NA-??) this month. **UZ1ZZZ/a** was on Kil'din Island (EU-82). QSL via UW1ZX. **KL7HF** plans to go to St. Lawrence Island (NA-10) this winter. **YB5NOC** is due on from Anambas Island (OC-108) now. **UAØ/UB5EAZ** is due on from Stolbovoy Island in the Lyakhov group (AS-29) next month. Some resident hams: **LA4GY** Donna Is. (EU-62); **OZ1KRK** Zealand Archipelago (EU-29); **SMØDRB** Stockholm Island group (EU-84); **VE2FZZ** La Madeleine Island (NA-36); **SM7OHE** Oland Island (EU-37); **V73AM** Majuro Island (OC-29) (Marshall Islands).
- **RTTY Report**: **FK8BK** 14074 ARQ 1015Z; **UR2RW** 28095 1300Z; **UH8ABM** 28087 1340Z; **YI1BGD** 28087 1345Z; **6W1FJ** 21083 1900Z; **SVØGB** 21089 0650Z; **RL8PYL** 28086 1230Z; **ZS8MI** 14083 1415Z; **TU2BB** 28093 1516Z; **EA9JV** 28086 1520Z; **JY9CC** 28097 1730Z; **5Z4BH** 28088 2000Z; **CT3BX** 14091 0130Z; **9J2AL** 28089 1030Z; **EL7D** 21089 2045Z; **5V7DP** 21087 2100Z; **TR8AHO** 21087 2200Z.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
November 1989	Date Flux A K	Date Flux A K
03 High Normal	10/07 225 13/11 3	9/09 305 09/11 3
04 Above Normal	10/08 209 07/08 1	9/10 295 09/12 2
05 Above Normal	10/09 201 09/09 2	9/11 299 03/05 1
06 Above Normal	10/10 195 10/09 2	9/12 288 11/12 1
07 Above Normal	10/11 191 07/07 1	9/13 245 09/07 2
08 Above Normal	10/12 202 06/07 1	9/14 241 09/06 1
09 Above Normal	10/13 223 02/05 0	9/15 223 28/20 3
10 Above Normal	10/14 225 00/05 0	9/16 228 23/20 2
11 Above Normal	10/15 225 00/06 0	9/17 213 08/06 3
12 High Normal	10/16 236 08/12 2	9/18 205 32/26 5
13 High Normal	10/17 224 12/13 2	9/19 202 64/82 3

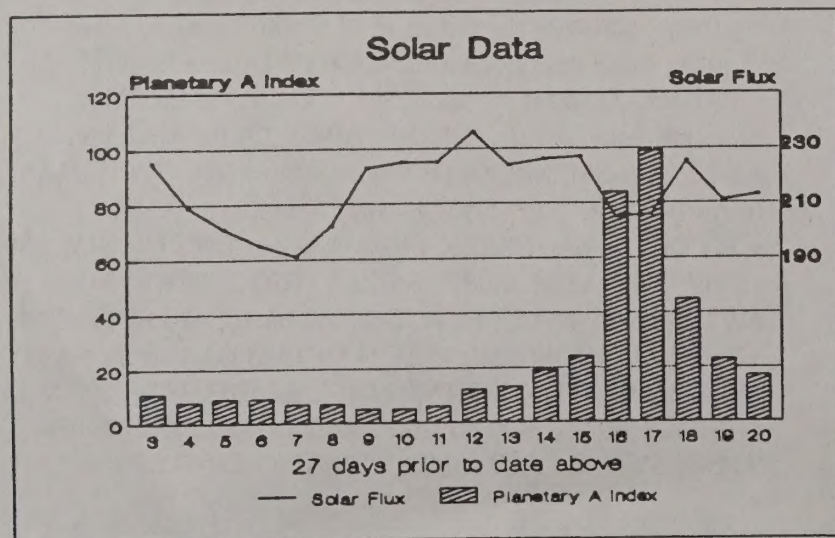
Propagation Watch

The CQWW SSB test dodged a bullet, and had very good propagation. The severe ionospheric storms and polar cap absorption that destroyed the bands before the contest faded away at contest time. (The Space Environment Services Center reported that the polar cap absorption ended at 0030Z on the 28th, 30 minutes into the contest!)

Band conditions were not even close to those two weeks before, on Oct. 13-15, when we enjoyed what may have been the best propagation in modern history, but at least on the higher bands, testers had nothing to complain about. Low-band propagation was hampered by the above-average absorption, and that might reduce multiplier totals on 80 and 160 meters.

The key to the good conditions was the rotation to the back of the sun of Sunspot Region 5474, which produced the Class X flares that disrupted the bands before the test. We now have the quieter side of the sun facing us, and should have good to excellent propagation for the next week or so, until the active part of the sun, and perhaps region 5474, rotates back in our direction.

The higher bands will open around local sunrise (or maybe even earlier), and stay open, in the general direction of the sun, until a few hours after sunset. If the geomagnetic field stays reasonably quiet, look for the long path a few hours later on 10, 12, and 15 meters. The 20-meter long-path opening at local sunrise remains a source of good DX, and check 40 meters at the same time. If we get a repeat of the extremely quiet geomagnetic field that gave us the super conditions in October, check out the lower bands.



Regulars

■ Ascension Is.	ZD8VJ 7006	2200Z
■ Ascension Is.	ZD8VJ 14025	0030Z
■ Ascension Is.	ZD8VJ 28023	1400Z
■ Belize	V31BB 7002	0300Z
■ Chagos	VQ9DM 14025	0145Z
■ China	BY4RB 28482	2345Z
■ Easter Island	CEØFFD 28010	2300Z
■ Hong Kong	VS6DO 14025	1100Z
■ Iraq	YI1BGD 28455	1330Z
■ Juan Fernandez	CEØICD 21290	0300Z
■ Kuwait	9K2KS 28500	1200Z
■ Liberia	EL7X 21012	2200Z
■ Liberia	EL2CX 21020	2000Z
■ Marshall Is.	KX6DC 7005	0730Z
■ Mauritius	3B8CF 14030	0200Z
■ Rotuma	3D2XV 28490	2300Z
■ South Shetlands	HL5BDS 21008	0000Z
■ Sri Lanka	4S7EA 14004	0010Z
■ Tanzania	5H3TW 28024	1945Z
■ Zaire	9Q5DX 28020	2100Z
■ Zone 23	RVØYV 21010	0100Z

SSB net check-ins: 14222 kHz: 5W1KT; 14227: 3B9FR
VKØGC HSØB HZ1AB NY6M/KH2; 14250: YK1AA; 14256:
TT8GA FT4ZE TR8CJ VP8BUB VP8BXX ZD7VC 9K2RA
D44BS; 21335: HZ1AB TL8HW 5Z4FH VP8BUB 3DAØAH.

Visalia DX Convention

The 41st International DX Convention is April 6-8, at the Holiday Inn in Visalia, California. Pre-registration before March 23, 1990, is \$40, and includes the Saturday banquet and Sunday brunch. Send you check to Don Bostrom N6IC, 4447 Atoll Avenue., Sherman Oaks CA 91423. The DX Bulletin will co-sponsor the Friday evening cocktail party again next year.

The Southern California DX Club, sponsors of the 1990 convention, report that the Holiday Inn and the nearby Lamp Liter Inn are already completely booked. Other nearby hotels are the Best Western (209) 732-4561, Motel Astri (209) 627-2885, and the Sundance Inn (209) 732-6641.

Puyallup Tribe of Indians

The K7SS/PTI operation on Oct. 13-14 netted about 4,500 QSOs in ten hours, mainly on 10, 15, and 20 meters. Operators included K7SS, N7ZZ, W7EJ, KE7V, K7LR, and NØAX. QSL cards will be available from K7SS in about a month. The operators plan to submit an application for separate DXCC country status to the DX Advisory Committee this week. Finally, they plan to return to the Puyallup reservation in December.

Earthquake Delays

The devastating earthquake that caused several billion dollars in damage here in northern California left The DX Bulletin's hilltop QTH without a scratch. (Good thing; an earthquake and a hurricane in one month is enough to make an editor get religion.) However, the earthquake hit minutes after Issue 509 was handed over to the post office. Because of the damage and possibility of after shocks, the mail remained in Santa Rosa for two days, until the Oakland bulk mail office and San Francisco airport airmail offices reopened. This caused some delivery delay in Issue 509. Sorry about that.

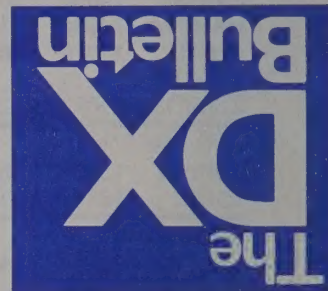
B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY					5H3TW *	14028	1354	25	TX	9Q5DX	21028	1950	19	IA	PZ1AV	28033	1603	19	VA
C6A/	28091	1900	26	CA	9Q5UN	14010	2220	21	FL	CE0FFD	21008	0110	23	IA	RH8AA	28006	1136	13	NH
G0AZT					A41JZ	14011	0043	25	FL	CE0OGZ	21020	0005	24	MA	TA2B	28015	1351	28	FL
HV3SJ	21090	1845	17	CA	BY1QH	14005	0048	25	FL					Juan Fernandez	UA1O/	28029	2230	15	FL
RT5UA	14089	2350	22	CA	CE0OGZ	14011	0338	22	KY	EA8ABO	21010	2258	16	FL	UA0BDU	28034	2350	13	MA
SV5TS	14090	0500	25	CA					Juan Fernandez	EA9PB	21019	2030	28	FL	UA1OIL	28014	1918	14	MA
UA4HBW	14085	0510	25	CA	EA6ZY	14025	2210	22	FL	EL2CX	21021	1659	20	NH					Franz Josef Land
UH4H/	14089	1605	17	CA	EL2CX	14025	2130	21	FL	EL7X	21015	2200	20	FL	UG6GAW	28008	1150	13	VA
UA3TT					FR5DD	14048	0225	20	SC	FP5HL	21014	2214	17	FL	V63DX	28028	2339	27	FL
ZD8BOB	21071	2125	22	IA	HK0BKX	14022	0030	22	FL	HL5BDS	21008	2324	16	MI	VP2EXX	28010	2202	22	PA
160 Meters					HK0BKX	14025	1338	21	SC						VP2EZD	28066	1134	25	NH
RB5WW	1837	0053	21	MA	HL5BDS	14025	2348	10	VA	HV3SJ	21024	1259	25	NH	ZD8VJ	28023	1400	16	NH
V31BB	1834	0215	21	MA						JT1BR	21011	0125	15	MA	ZD8VJ	28023	2151	20	FL
80 Meters					JY9SR	14043	0223	14	GA	LU1ZA	21018	2230	19	WV	ZL7TZ	28019	2328	23	MA
UB5CDX	3510	0340	18	SC	LU1ZA	14034	2136	25	FL						ZP6XDW	28018	1800	19	NH
UC1AWZ	3513	0355	18	SC						South Shetlands									
UL7JW	3502	1400	21	CA						South Orkneys									
75 Meters					OD5LX	14025	2035	28	FL	PZ1DT	21006	0011	19	FL	10 Meter CW				
CT3DL	3797	2332	22	MA	OY1CT	14015	0224	26	ID	PZ1DY	21014	0259	17	NH	3D2VB	28484	0058	23	MT
TP40CE	3776	0017	21	MA	P29PT	14024	0531	21	KY	RI1OA	21025	1120	13	NH	3D2XV	28494	2304	18	MD
ZB2/F2JD	3787	2338	21	IL	PZ1DT	14025	0300	24	MT	RV0YF	21010	0043	15	MA					Rotuma
40 Meters					PZ1DY	14018	1148	22	NJ						3V8PS	28494	1606	17	ME
4K0F	7004	1240	18	IA	RH8AA	14015	2136	16	FL	TZ6VW	21041	0021	18	GA	5H0TSA	28515	1245	22	NJ
8R1J	7006	0131	23	FL	TA3D	14013	2133	25	FL	UI9ABL	21015	0258	12	OR	5H3TW	28487	2028	16	ME
CE0OGZ	7001	0033	28	FL	TT8/	14034	2255	23	MT	UI9UWA	21025	0416	16	FL	5N29FEA	28477	1535	22	NJ
				Juan Fernandez	FD1MXQ					UI9UWA	21049	1123	18	MA	5N29HKC	28482	2016	18	ME
FK8FU	7007	0707	22	PA	UG6GAW	14009	1955	18	VA	UJ8JCQ	21011	0152	16	FL	6W6JX	28564	2300	16	SC
JY9SR	7008	0300	19	IA	UI1C/	14018	0023	16	FL	UJ8KA	21008	0432	15	FL	9J2FR	28575	1300	22	NJ
KX6DC	7005	0729	15	GA	UI8IAY					VS6DO	21018	0142	17	MI	9K2CS	28510	1053	16	MD
LU1ZA	7008	0033	26	FL	UJ8AH	14012	0204	26	ID	YN/	21005	2329	23	CA	9K2HA	28650	1347	15	NJ
				South Orkneys	UJ8JX	14029	0211	19	FL	SM0OIG					9K2KS	28560	1150	13	MA
PZ1DV	7008	0141	23	FL	V63DX	14024	1140	23	FL	ZD7KM	21020	2035	20	NH	9K2KS	28500	1521	17	NH
RF8V/	7003	0048	27	FL	VQ9DM	14014	0145	23	FL	ZD8IAN	21005	2305	22	FL	9K2RA	28579	1544	18	MI
RW6AC					VQ9DM	14025	1627	24	ID	ZD8SE	21025	2229	17	FL	AP2IZ	28659	1336	15	NJ
UD6AI	7004	0154	28	FL	VS6DO	14021	1039	16	MD	15 Meter SSB					BV2FA	28579	0337	10	BC
UF9V/	7003	2211	24	FL	VU2KFR	14035	0056	25	FL	5T5EV	21299	2259	20	MD	BY1PK	28492	0210	16	MI
RB5IJ					VU2SF *	14036	1235	15	GA	5Z4BI	21291	1850	18	ME	BY4RB	28482	2346	17	MD
UQ1GWW	7028	0229	22	IN	ZD8VJ	14023	0025	17	CA	9K2DR	21296	2130	12	MA	BY5RF	28502	0204	16	MI
V31BB	7001	0245	20	IA	ZD8VJ	14028	0247	22	CA	9Q5XX	21243	2052	18	MD	CY0SAB	28497	2309	22	IL
VS6VT *	7002	2212	18	MA	ZP6XDW	14027	0336	21	MT	BY4AH	21270	1322	17	MD	D44BC	28503	1518	18	MI
YN3CC	7005	2337	22	FL	20 Meter SSB					BY9GA	21240	0124	17	MA	EA9IB	28477	1220	22	FL
ZD8VJ	7007	2218	22	MA	4K0F	14220	0227	16	MT						EL2CX	28484	1156	22	NH
30 Meters					4S7NS	14188	1147	18	MD	CE0ICD	21284	0254	21	FL	FR5EL	28460	1349	18	MI
3B8CF	10104	0203	28	FL	4S7RO	14180	1158	22	NH						H5ABP	28650	1530	22	NJ
EA8AB	10104	2211	28	FL	9K2CS	14160	0020	15	CA	CY0SAB	21300	1936	22	TX	HB0LL	28467	1613	13	TX
EA8ABR	10106	2247	17	FL	9M2ZZ	14168	1124	17	MD	TL8DO	21345	2106	20	MD	HK0NZI	28514	1314	23	IL
EA8AU	10101	2233	17	FL	9M8PV	14177	1011	17	MD	TZ6VW	21265	2055	18	MD	KG4AM	28333	2208	13	IL
GW3VOL	10106	2214	28	FL	A41KL	14197	1428	16	CA	UG7GWB	21240	1453	17	MI	KH3/KN0E	28497	2202	17	PA
HA5AH	10101	2259	17	FL	A41KN	14173	1237	18	MD	VU2WAP	21274	1730	19	IA	KX6HE	28502	0102	23	MT
KP4A	10114	2343	20	FL	A61AC	14250	0321	20	MT	XT2BW	21232	2153	17	MD	P29SR	28596	2333	18	MD
LY1BYL	10103	2135	18	FL	BV2B *	14195	1035	19	ME	ZD7KM	21233	1919	21	PA	S83JMA	28521	1402	22	MD
LY2BR	10101	2234	17	FL	HK0NZI	14256	0319	17	MT	ZS3GB	21287	2037	19	MD	TT8GA	28470	2252	16	PA
LY2WW	10102	0350	17	SC	HK0TCN	14181	0120	21	NH	10 Meter CW					TU2QQ	28672	1305	22	NJ
OH6JH	10104	2237	17	FL	HS0B	14188	1130	16	MD	3D2VB	28027	2346	23	MA	UF6QAZ	28523	1427	18	TN
SP4EAK	10103	0140	18	FL	UA1O/	14148	1454	7	BC	5H3TW	28024	1947	15	MD	VK0GC	28520	0010	15	FL
SV1CU	10101	2230	28	FL	UA1OIL					6W1QB	28021	2146	20	FL	VU2JX	28487	1827	16	MA
TF3SZ	10106	2302	28	FL	UW1ZC					7P8EL	28012	2032	17	NH	YI1BGD	28461	1331	18	MD
TI100D	10102	2330	17	FL						9J2AL	28041	1132	13	NH	ZB2/F2JD	28495	1912	18	MD
UA2EC	10101	2251	17	FL	UI8DAT	14181	0210	20	MT	9Q5DX	28018	2050	12	CA	ZC4BS	28467	1519	17	NH
V31BB	10103	0127	21	WV	UI8FM	14206	0251	16	MI	BV2DA	28009	2309	17	MA	ZC4RF	28519	1430	18	MI
V31BB	10107	0224	25	MA	UL7VW	14181	0205	20	MT	BV2FA	28002	2325	12	MA	ZD7JAM	28457	1310	22	NJ
ZD8IAN	10104	2245	28	FL	V63DX	14212	1749	24	OR	BY1QH	28013	2323	17	NH	ZD7VC	28507	1401		

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(ISSN 0279-8077) is published fifty times
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Telephone (707) 523-1001. Fax (707) 523-0852.
Compu-Serve 75755,737. One-year subscription
rates are \$29 Second Class Mail, \$38 First
Class Mail, US\$50 Foreign Airmail. Second
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FIRST CLASS MAIL

Calendar

Issue 511 - November 3, 1989

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(Changes and hot info in **boldface**.)

Angola - D2 LU6ELF/D2A 21340 kHz 1800Z I511
American Samoa - KH8 WA4TLI, AA4VK Nov. 25-26 I511
Armenia - UG by PAA Nov. 9-19 I506
UG6GAW 28010 11-1400Z I510
Aruba - P4 P4QGD by W2GD CQWW CW I500
Ascension Is. - ZD8 ZD8VJ 14025 kHz 0030Z I511
7006 2200Z, 28023 1400Z I511
Belize - V3 V31BB 7002 0300Z I511
Brunei - V8 Nov. 24-27, CQWW CW by N2OO I508
Burkina Faso - XT XT2KG by Colvins to mid-Nov. I509
Chagos - VQ9 VQ9DM 14025 0145Z I511
China - BY BY4RB 28027 0000Z, 21028 00Z I510
Christmas Is. - T32 T32BE, BI, BO Nov. 22-28 I510
East Malaysia - 9M6 9M6OO Nov. 16-23 I508
9M8PV 28546 0020Z I510
9M6HF 14022 1600Z I510
East Malaysia - 9M8 9M8AX Oct. 28-Nov. 7 I508
Easter Island - CEØ CEØFFD 28010 2300Z I511
Equatorial Guinea by SMØAGD Nov. 1-6 I509
Fiji - 3D 3D2ML Nov. 23-27 I503
French Polynesia - FO FOØMGZ 14015 0445Z I509
Guadeloupe - FG FG5R Nov. 17-28, CQWW CW I508
Hong Kong - VS by N2OO et al Nov. 28-Dec. 2 I508
VS6DO 14025 1100Z I511
K9EL/VS6 Nov. 7-11 I511
Iraq - YI YI1BGD 28515-35 12-1700Z I510
Johnston Is. - KH3 KNØE/KH3 28020 2100Z I510
KNØE/KH3 28500 kHz 2130Z I511
Juan Fernandez - CEØ CEØICD 21290 kHz 0300Z I511
Kerguelen - FT-X three ops in mid-Mov. I510
Kuwait - 9K 9K2HA 28600 +/- 1300Z I510
9K2KS 28500 1200Z I511
Laos - XW XW5PP November I510
Liberia - EL EL2CX 21020 2000Z I511
EL7X 21012 2200Z I511
by N2OO et al Nov. 28-Dec. 2 I508
Macao - XX VHF, low bands Nov. 16-30 I508
Madeira - CT3 KHØAM CQWW CW I510
Marianas - KHØ ZS8MI 14050 13-1500Z Friday I509
Marion Island - ZS8 KX6DC 28027 0045Z I510
KX6DC 7005 0730Z I511
Marshall Islands - KX 3B8CF 14030 0200Z I511
5NØA CQWW CW I503
by Colvins from mid-November I509
Mauritius - 3B JD1/JHØBLI, JO1AIA Nov. 2-4 I509
Morocco - CN
Niger - 5U
Ogasawara - JD

Ogasawara - JD JA4CXS/JD1 Nov. 2-5 I510
Pagalu - 3CØ by SMØAGD Nov. 15-19 I509
Rotuma - 3D 3D2XV 28490 2300Z I511
Sao Tome - S9 by SMØAGD Nov. 9-12 I509
Singapore - 9V 9VØYC Nov. 15-20 I511
South Orkneys - VP8 VP8BXK 14256 kHz 0000Z I510
South Shetlands HL5BDS 21008 2345Z I511
Sovereign Bases - ZC ZC4WP 28550 kHz 1330Z I510
Sri Lanka - 4S 4S7EA 14004 0010Z I511
Sudan - ST PAØGAM/ST2 21025 2100Z I509
Swalbard - JW JW5NM Nov. 22-29 I510
JW8XM, JW9XG Nov. 24-27 I511
Tadzhikistan - UJ RJ3K/ Oct. 25-Nov. 5 I509
UJ8KAA 15M SSB 0300Z I510
Taiwan - BV BV2DA 28010 0000Z I510
Tanzania - 5H 5H3TW 28025 17-2100Z I510
Thailand - HS HSØE by K9EL Nov. 11-15 I511
Tokelau - ZK3 Nov. 3-13 by OH1RY et al I511
Tonga - A3 A35ML Nov. 7-22 I503
Uzbekistan - UI UI8CD 21225/03Z 28500/12Z I510
Vatican - HV HV3SJ 28490 kHz 1500Z I510
Western Samoa - 5W by OH4ML Oct. 24-Nov. 7 I503
WA4TLI, AA4VK Nov. 20-24 I511
9Q5DX 28020 2100Z I511
RVØYF 21010 0030Z I511

DX Activities and Contests

Date	Event or Activity	Info
Nov. 10-12	Japan International Test	CQ
Nov. 18	New England DXCC Dinner	I509
Nov. 25-26	CQWW CW contest	CQ

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following:
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